

PDR RID Report

Date Last Modified 5/1/95

Originator Kevin Schaefer

Phone No 202-358-0755

Organization NASA HQ

E Mail Address kschaef@mtpe.hq.nasa.gov

Document Integration and Test

RID ID PDR 377

Review SDPS

Originator Ref

Priority 1

Section

Page

Figure Table

Category Name System-level

Actionee Project (SMO-Smith)

Sub Category Project Requirements

Subject IV&V, not IV&V

Description of Problem or Suggestion:

IV&V stands for Independent Verification and Validation, not Integrated V&V. ECS felt IV&V would do integrated, end-to-end EOSDIS testing. It is not clear who does do integrated V&V.

Originator's Recommendation

The project office should identify exactly who will do integrated, end-to-end testing.

GSFC Response by: Glenn Iona

GSFC Response Date 4/21/95

The Independent Verification & Validation (IV&V) contractor (Intermetrics/CTA) performs Independent V&V of the ECS and EDOS components of the EOS Data Information System (EOSDIS) for the ESDIS Project. These activities are separate and distinct from the ECS and EDOS component developer testing and internal component Acceptance Testing efforts in that they provide for a Government acceptance via an independent assessment that the components are compliant with allocated requirements.

For the EOS Ground System (EGS) Integration & Test task, the IV&V contractor conducts EOSDIS System integration, interface testing, and interface certification. With the completion of these activities, the IV&V contractor conducts EGS System Certification. System Certification consists of requirements validation, integrated end-to-end tests and a fully integrated EGS System Certification. The System Certification is an extension of the component and interface certification activities, and is independent of, but synergistic with, the development process.

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date

Status Closed

Date Closed 5/1/95

Sponsor Herring

Attachment if any
